CIVIL TECH LABS

Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer,
Bytarayanapura Sub Division,
BBMP.

29th January 2017

Dear Sir,

Sub: Testing of Water Bound Macadam.

As requested, tests on physical properties were carried out for the Water Bound Macadam supplied by you, for the work of **'Improvements to roads and drains at Srinivasapura Sri Maramma temple road in ward no. 05, Byatarayanapura Sub Division.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

A/E ward no 5

CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
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TEST REPORT

TEST ON WBM Grade-3 MIX

Name & Address of the Customer	AEE, Bytarayanapura Sub Division, BBMP.
Name of Work	Improvements to roads and drains at Srinivasapura Sri Maramma temple road in ward no. 05, Byatarayanapura Sub Division.
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	29/01/2017
Reference	**MORTH Table 400-7**

IS Sieve Designation	% By Weight Passing IS Sieve	Actual % By Weight Passing IS Sieve	Remarks
63 mm	100	**100**	**Satisfies the Requirements**
53 mm	95-100	**98.5**	
45 mm	65-90	**73.6**	
22.4 mm	0-10	**7.7**	
11.2 mm	0-5	**4.1**	

Note:

1.The results relate only to the items tested.

2.Report shall not be reproduced except in full, without the written approval of the lab.

3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the customer.

AE ward No 5
ಸಹಾಯಕ ಕಂದಾಯ ಪೊಲೀಸ್ ಅಧಿಕಾರಿ
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

TEST ON AGGREGATES ('AIV' & Flakiness Index)

Water Bound Macadam Grade III

Name & Address of the Customer	AEE, Bytarayanapura Sub Division, BBMP.
Name of Work	Improvements to roads and drains at Srinivasapura Sri Maramma temple road in ward no. 05, Byatarayanapura Sub Division.
Name of the Agency	M/s. K. R. I. D. L.
Date of testing	29/01/2017

Sample No	Aggregate Impact Value 'AIV' in %	Average AIV in %	Remarks
1	23.6	22.6	**Satisfactory** (As per Morth Clause 400-6 for WBM, Maximum allowed AIV is 30%)
2	21.5		

Trial	Result in %	Flakiness Index in %	Remarks
1	22.5	22.5	**Satisfactory** (As per Morth Clause 400-6 for WBM, Maximum allowed is 30 %)
2	23.5		
3	21.5		

Note:

1.The results relate only to the items tested.

2.Report shall not be reproduced except in full, without the written approval of the lab.

3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

CIVIL TECH LABS

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T-2654

To,

Assistant Executive Engineer,
Bytarayanapura Sub Division,
BBMP.

20th December 2016

Dear Sir,

Sub: Testing of Water Bound Macadam.

As requested, tests on physical properties were carried out for the Water Bound Macadam supplied by you, for the work of **'Improvements to roads and drains at Srinivasapura Sri Maramma temple road in ward no. 05, Byatarayanapura Sub Division.'**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Quality Manager

AE ward No 6

CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
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TEST REPORT

TEST ON WBM Grade-2 MIX

Name & Address of the Customer	AEE, Bytarayanapura Sub Division, BBMP.
Name of Work	Improvements to roads and drains at Srinivasapura Sri Maramma temple road in ward no. 05, Byatarayanapura Sub Division.
Name of the Agency	M/s. K. R. I. D. L.
Date of Testing	20/12/2016
Reference	**MORTH Table 400-7**

IS Sieve Designation	% By Weight Passing IS Sieve	Actual % By Weight Passing IS Sieve	Remarks
90 mm	100	**100**	**Satisfies Requirements**
63 mm	90-100	**97.4**	
53 mm	25-75	**55.6**	
45 mm	0-15	**11.6**	
22.4 mm	0-5	**2.7**	

Note:

1.The results relate only to the items tested.

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3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

AE ward No 5
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Khushboo

(KHUSHBOO L.)
Quality Manager

CIVIL TECH LABS BANGALORE

CIVIL TECH LABS
5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

TEST ON AGGREGATES ('AIV' & Flakiness Index)

Water Bound Macadam Grade II

Name & Address of the Customer	AEE, Bytarayanapura Sub Division, BBMP.
Name of Work	Improvements to roads and drains at Srinivasapura Sri Maramma temple road in ward no. 05, Byatarayanapura Sub Division.
Name of the Agency	M/s. K. R. I. D. L.
Date of testing	20/12/2016
Reference	IRC SP-77

Sample No	Aggregate Impact Value 'AIV' in %	Average AIV in %	Remarks
1	23.4	24.0	**Satisfactory** (As per Morth Clause 400-6 for WBM, Maximum allowed AIV is 30%)
2	24.6		

Trial	Result in %	Flakiness Index in %	Remarks
1	23.5	23.4	**Satisfactory** (As per Morth Clause 400-6 for WBM, Maximum allowed is 30 %)
2	22.6		
3	24.1		

Note:

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3.Any correction invalidates this report.

4.The results are based on the test conducted on samples supplied by the client.

(KHUSHBOO L)
Quality Manager

CIVIL TECH LABS BANGALORE